# The 50 MH3 DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$24 U.S. first class mail, \$27 Canada/Mexico airmail, and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4554 USA. My Internet address is victor.frank@sri.com. I have a web site that hasn't been updated in a long time for various classes I took at http://www.qsl.net/k6fv. The bulletin may be freely quoted, provided that credit is given.

## **DX Operations**

Most of the listings in this column came from SM7AED's notebook.

Rodriguez Island, 3B9C: The Five Star DXers Association plans a four week operation in March/April 2004 with 10 complete stations on 160-6m.

Europa Is., TO4E: Has had to restrict hours of operation due to generator (probably lack of gas) to 0400-0730z, 1000-1030z, 1300-1330z, and 1515-1945 or 2000z.

Annabon Is., 3C0V: The recent operation has been approved for DXCC credit.

Eritrea, E3: Five British operators will make up a DXpedition team planning operation with three high power stations on 160-6m in mid February 2004. Operations will take place from the Nyala Hotel in Asmara, used by several previous successful DXpeditions. For 6m they will use a 5 el Yagi.

Togo, 5V7BR: got on 6m on November 17 with a FT897 and 5 el Yagi. Last 6m contact I saw listed was November 24.

Congo, TN3S: Sal should be QRV on 80-6m until October 2005. Typically he may be found on 21.185 around 2130z.

Malta, 9H3WW: A group of German operators will be operating 160-6m from Nov 26-December 6.

Svalbard, JW5RIA: Erling will be active on 50 MHz from Bjornoya, JQ94 until June 2004. His web page is http://www.qsl.net/la5ria.

Canadian Winter Arctic Grid Expedition, VE4/: Starting January 3 and active in EO16 and EO26 for a couple weeks, Jeffrey, KG0VL and Justin, K9MU will be active on HF, 50, 144, & 903 MHz with liasson on 7.268 days and 3.958 evenings at the top of the hour for 5 min (0000-0800z).

Guadeloupe, TO7ACR: The A.C.R.A. Guadeloupe ARS will be active on HF + 6m on Dec 13 & 14 from the Gosier Islet.

Cayman Islands, ZF2PD: Pete, N2LM, will be active on 80-6m from Grand Cayman Island (NA-016) from December 28-January 8.

**Haiti, 4V200YH:** A group of DLs plan to operate from NA-096 with three stations on 160-6m from January 28-February 15. See http://www.qsl.net/dl7cm/haiti2.htm.

U.S. Virgin Islands, N4Z: Mark, K4MCE, and Dave, N4KZ, will operate this special events station on 160-6m from St. Croix, FK78 between December 30 and January 5.

French St. Martin, FS/W2JJ: A group of W2s and a W5 plan two station operation on 160-6m through December 10, and possible 6m beacon and satellite operation.

**Barbados, 8P9AP:** Steve, K2WE will be active on 80-6m from NA-021 from December 2-8.

St. Vincent, J8DX: Wayne, K8LEE, and Pete, N0FW will be active on 160-6m from December 3-16.

**Tobago, 9Y4/:** Babs, DL7AFS, and Lot, DJ7ZG are now active on 80-6m from SA-009 until December 6. They are also planning VK9 activity in February and March.

Netherlands Antilles, PJ4/PA3CNX: Peter will be active on HF and 6m from Bonaire, FK52 (SA-006) until December 15.

**Aves Island, YV0:** The Radio Club Venezolano (RCV) plans operation from Bird Island (NA-020) on HF, 6m, satellite and possibly EME in late January or sometime in February.

St. Peter & St. Paul Rocks, ZW0S: Joca, PS7JN, plans activity on all bands including 6m until December 15.

Banaba Island, T33C: A large group plans 24 hours/day of operation on 160-6m and AO-40 sometime in March/April 2004, as well as Tarawa, T30, during the phone WPX. F5CWU is soliciting contributions for the trip.

Marshall Islands, V73MJ: has been worked on 6m.

#### **Beacon News**

**Italy, IQ4AD:** on 50.058 was reported by G4UPS on November 25. Its QTH is Parma, JN54DT.

**Europa Island, TO4E:** As of November 25, the beacon was on 50.096.

Jan Mayen, JX7SIX: beacon is back on the air.

**Iceland, TF3SIX:** beacon has 50W ERP after November 15 upgrade.

**Bahamas, C6AFP:** in FL16, on 50.062 is QRV with 1W to a Cushcraft Ringo as of November. The beacon is operating from Bill's (C6AGN/KM1E) QTH on Green Turtle Cay, Abaco.

Canada, VE6EMU: in DO33 is now alive again on 50.041.

### **November 03 DX Reports**

The following reports of 50 MHz and higher DX propagation are courtesy of JA1VOK, G4UPS, XE2HWB, K6QXY, JH1WHS and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is mmddhhii, where mm is the month, dd is the day of the month, hh is the hour UTC, and ii is the minutes after the hour. The year is understood to be 2003. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, J=JT44, P=PSK31, R=RTTY, S=SSB, W=mode not mentioned (or both CW & SSB), H=heard only. (BSc) = backscatter.

## Reports of Africa

ASCENSION IS.

11232134 11232150 11232224 11242123 11251301 11252129 11252132 11282035 11302028	ZD8VHF ZD8VHF ZD8VHF ZD8VHF ZD8VHF ZD8VHF	7 559 519>JO41 539 II22>JN59 519 7 539 QSB 539 419	50.032	B DL8YHR B DL7QY B EA7KW B G4FUF B EA7KW B 9H1TX B EA7KW
BENIN				
11231446	TY4JM	55 CQ	50.120	9H1TX
11231501	TY4JM TY4JM	55>IN94 CQ 55	50.110	F6FHP IH9YIT
		IELILLA		
		59 IM85>JN59	50.117	DL7QY
11191412		59+	50.120	G4RGK 9H1AZ
				711111
CHAG	OS A	<b>RCHIPELA</b>		
11061649			50.065	
11091400	VQ9513	559 >1542	50.065	B ADIAH
GABO	N			
11051100	mn O a	>JN08	50.049	B F5NLY
11051422	TROA	WEAK		B 2E1GOR
11051556				EA7KW
11061414	TROA	519	50.049	B SV1DH
11061522	TROA	549>JN530Q		B IZSEKV
11061651	TRECA	579 CQ	50.110	EA7KW EH3LL
11061702		599	50.049	B EH3LL
11061714	TR8CA	CO	50.110	F6FHP
11061715	TRACA	CW	50.110	IZ5EME
11062034	TROA	519 SINCE 14Z	50.049	B SV1DH
11081257	TROA	519 529 QSB >JN54	50.049	
11081354	TRUA	529 QSB >JN54	50.048	B IWABET
11081429		39	50.110	EA7KW
11081431	TR8CA		50.110	5B4FL
11081549			50.110	CT1 EPC
		59+>IN94	50.110	F6FHP
11081605		57>JN52LR	50.110	IK5RLP EA7KW
11081627	TR8KPJ		50.110	CT1 EPC
11091202		539	50.048	
11091755		JOEL	50.110	EA7KW
11091802	TR8CA		50.110	IK7BFD
11101354 11101402	TROA	559 579		B IKOFTA
11101405			50.048	EA7RM
11101410			50.110	EH5AX
		52>JN09	50.110	F4DRA
11101421	TR8CA		50.110	HB9SJV
11101424	TR8CA	57 JN26>JJ40	50.110	F8OP
11101422	mpgca		50.110	IW1AZJ IK7IMO
11101433	TRECA	59>IN88CB	50.110	F5PAU
11101440	TR8CA		50.110	IK7UFL
11101448	TR8CA		50.110	F8CIL
11121717	TROA	559	50.048	EA7KW

11141610	TROA	WEAK	200	0.048		EA7KW SV1DH	1
11161124	TROA	WEAK 519 DEEP (	220	0.048	В	TKSYJY	1
11161205	TR8CA	55 519>JN61 55 CQ 43>JN65		0.110		IKOFTA FA7KW	1
11161209	TR8CA	43>JN65		0.110		S55M EA7KW	1
11161334	TR8CA	CQ		50.110		9H1TX	1
11161421	TROA	529		0.110		EH5VQ SV1DH 9H1YZ	1
11161530	TROA	559		00.049		AHTIZ	1
11161600	TR8KPJ TR0A	SSB 529>JN61		0.110	Б	5B4FL IK0FTA	1
11171458	TROA	519 QSB 539	9	0.049	B	SV1DH EA7KW	1
11191326	TR8CA	SSB 529>JN61 519 QSB 539 57 >JN61 JJ40 59+>IN94		0.110	Н	IKOPTA FITOF	1
11191345	TR8CA	59+>IN94		0.110		TACE	1
11191404	TR8CA	J149 58>JM75GV		0 110		9H11.E	1
11211626	TROA	539 539>JN61 S1 >JN53 53>JM75GU CQ 55		0.048	B	IKOFTA	1
11221131	TR8CA	53>JM75GU		0.110	D	9H1YZ	1
11221304	TR8CA	55		50.110 50.110 50.110		9H5ZA	1
11231300	TROCA	21>11/24		0.110		rornr	1
11241414	TROA	419		0.049	B	SVIDH SVIDH	
11261323	TROA TROA	519>JN61		0.049	B	SV1DH SV1DH IKOFTA	1
11291157	TROA TROA	WEAK 50>	INSS	0.048	B	EA7KW	1
11301327	TROA TROA	CQ 419 419 519>JN61 WEAK 50> 559 579>JN53 S2		0.048	B	IW5DHN F6FHP	1
		MPEDU					
		58 5 ADN 59+ >			S	YO7VS HB9OAB	
11021020	109/12	ADN 55 ADN 519 B	-			F4DRA EA7KW	1
			30 100	.110		LET / ICH	
IVORY	TU2OJ	<b>AST</b> 33 -1434	>1080	JV	Н	G4UPS	1
MADEI							7
11052316	CT3BD			50.110		PY2EX	1
11052321	CT3BD	TEIXE IM12M	IRA S	50.115 50.115 50.115		PP5JD PY4LH	1
11242227			5	50.115		PY4OY PY4OY	1
11292317	CT3DL	CM CO		50.110		ZP6CW	1
MAUR						omi ano	1
11051759	5T5SN 5T5SN	>JN35		0.110	H	CT1EPC IZ1EPM	
11051759	5T5SN	23 IW38>1		0.110		EA5AJX ON5WC	-
11051815		59+ 59		50.190		EA5AAJ 9H1EI	
MORO	CCO						
11011014	CN8MC	579 IM63>	JN59 5	50.027	B	DL7QY	
11011335	CN8MC	579 IM63> 555/585 > 559 -1410 IM63>IO91	>1080	50.027	B	G4UPS	
11011425	CN8KD	CQ		50.110		2E1GOR	
11011442	CN8KD		в :	0.110		G0CHE G4PCI	
11011451	CN8KD			0.110		MW1MFY F1TDF	
11051738	CN8MC	IM63>JN35 569 QSB>J	062		В	IK1EGC DL7HG	
	CN8MC			50.027		IWOGPN F6FHP	
11191532	CN8MC	579 IM63> 579>IO91				12WSG MOBCG	
11232200	CN8MC	599 1090>	IM63 !	50.027	В	G7RAU	
NAMIB			1				
11091402	V51AS V51E	CQ 59		50.105		IK5MEN CT1EPC	
11091421	V51E V51E	59 CQ 51		50.110		ISOQDV F5JKK	
	V51E			50.110		CT3DL	:
NIGER	5U7BM			50 115		TR8CA	
11161303	5U7BM 5U7BR	52 *159		50.115		SV1DH IW1AZJ	
11231305	5U7BM	57>IN94		50.110		F6FHP	
	5U7BM	57		50.110		9H1TX	
NIGER 11231339		JM56XT V	LAD I	50.110		IK5YJY	-
11231352	5NOEVE 5NOEVE	59 >JJ16	RK !	50.110		IH9YIT 9H1TX	
	5NOEVE			50.110		S57A	3
SAO TO				10.1			:
11102012		WKG 9J		50.110		5B4FL	
SOUTH				0.460		0365	
	ZS6TWE		FM !	50.110	В	9A6R 9A6R	1
11021047 11021048	ZS6NK ZS6DN	549/559 569>JN83	KG46	50.103	В	9A1Z 9A6R	

11091436 11091436 11101414 11141627 11231354 11231436 11231440 11231531 11231531 11231531 11231531 11231536 11231548 11231648 112	ZS6NK KG46>JO21 ZS6WK CQ ZS6NK CQ ZS6NK CQ ZS6NK CQ ZS6VD CQ ZS6WB 56>JM49OH ZS6WB KG44>JO21 ZS6AYT CQ ZS6WB 55>IM99XX ZS6AVP 559>JN83FM ZS6AVP 559>CQ ZS6NK BELOW RW1AY/MM ZS6DN 579 ZS6WB MKG A61AH ZS6TWB 599 ZS6KK KG46>IM67 ZS6WB 599 ZS6NK KG46>IM67 ZS6WB 599 ZS6WK KG46>IM68 ZS6WB 599 ZS6WK CQ ZS6WB 599 ZS6WK CQ ZS6WB 599 ZS6WK CQ ZS6WB 599 ZS6WK CQ ZS6WB 599 ZS6WK 559 ZS6	50.114 50.110 50.1110 50.1109 50.109 50.107 50.048 B 50.112 50.044 50.110	9A6R ON7GB 9H1TX 9A1Z 9A1Z 9H1TX ISOGQX ON7GB EA7KW EA5CGU 9A6R EA7KW EA
11191419		50.110	EH5AGR
11231324 11231326 11231327 11241252 11241253 11241302 11241303 11241529	5V7BR 5V7BR 59 5V7BR 59 5V7BR 552 JN99CH 5V7BR 522 JN99CH 5V7BR 57-JN61 BOB 5V7B 57-JN61 BOB 5V7BR 50-59 5V7BR 50-59 5V7BR 53-JO45 5V7BR 53-JO45 5V7BR 59-JO41 5V7BR 59 5V7BR 59 5V7BR 59 5V7BR 57 5V7BR 57 5V7BR 57 5V7BR 57 5V7BR 57 5V7BR 59 5V7BR 57 5V7BR 59 5V7BR 57 5V7BR 59 5V7BR 59 5V7BR 59 5V7BR 59 5V7BR 59 5V7BR 59 5V7BR 50 5V7BR	50.110 50.110 50.110 50.110 50.110 50.110 50.110 50.110 50.110 50.110 50.110 50.210 50.110 50.210	EA7KW 9H1TX 9H1TX EH5AX IK7IMO IK7IMO IK8DYD DJ6MB G4FUF F1TDF OZ3K DL8YHR G1HHO EH3LL G4UPS IK8DYD CT1EPC 2E1GOR IK8DYD G3IBI F6FHP 9H1TX IW1FZ IK0VAQ IZ0EGC F1TDF HB9AA CT1EPC IK0XIH F5CWU IK5YJY
TUNIS	IA (KERKENNA	H IS.)	
11191255 11191405 11191411 11191413 11191421 11191433 11191500 11191517 11191636 11191735 11191736 11191736 11231249 11231249 11231258 11231300 11231430 11231510 11231510 11231957 11231957 11231957 11231957 11231950 11232000 11232000 11232000 11232001 11232012 11232012 11232012 11232012 11232012 11232012 11232017	TA (KERKENNA  TS7N CQ 599 TS7N 59+20 TS7N 59 QSB TS7N Y9 WEAK TS7N 599+ TS7N 599+ TS7N 599+ TS7N 599+ TS7N 599+ TS7N CQ TS7N CQ TS7N CQ TS7N CQ TS7N CQ TS7N CQ TS7N 59 JM54>JM98 TS7N 59 JM54>JM98 TS7N 59 JM54>JM98 TS7N 6Q TS7N 59 JM54>JM54 TS7N 59 JM54 TS7N 59 JM56 TS7N 59 JM56 TS7N 59 JM54 TS7N 57 JM56 TS7N 57 JM58 TS7N 57 JM58 TS7N 57 JM58 TS7N 57 JM58 TS7N 59 JM54	50.110 50.110 50.110 50.110 50.110 50.110 50.127 50.127 50.127 50.110 50.110 50.110 50.110 50.110 50.110 50.110 50.110 50.110 50.110 50.110 50.127	G4FUF EA7KW CT1EPC 9H1TX EA5RM EA5RM EA5RM EA5RM EA5RM CT1EPC EA5RM CT1EPC EA5XV 9H1TX 9H1TX 9H1TX 9H1TX 9H1TX DK5AI F8OP G4IGO M0BCG DL8YHR G0JHC DL9HDC PA2V DL1YD F5JNX PE2DB G0CHE PE1M PC5C 12ADN

11232030 11232032				
11232041	TS7N TS7N 59+>J061 TS7N 59/59	50.127 DL7ZL 50.127 DL3DXX 50.127 G0RRJ	11181025 9N7SZ >PM64 50.100 C JH4ADV 11181112 9N7SZ >PM53 50.100 S JA6TEW 11181116 9N7SZ >PM85 50.100 C JE2UAZ	11250859 0Z5AGJ 59/59 JO56DG BEN S G4UPS 11250905 0Z1PIF 59/59 JO65AN PETER S G4UPS 11250905+0Z6VHF 569 >1080JV B G4UPS
11232050	TS7N JM54NQ>J021	50.127 ON4LO	TATWAN	11250916 OZ7DX 59/59 JO66 VOGG S G4UPS
11232055	TS7N 59 FEW TAKERS TS7N JM45 #148	50.127 ON5PU	11160310 BN0F CW >QM05 50.115 H JA1VOK	ENGLAND 10271141 G7RAU 599 599 10901R C Y07VS
11232100	TS7N 57 JM54>JN59 TS7N 55 >J031T0	50.127 DL7QY 50.127 DL2DR 50.127 DL1DCY	11160310 BNOF CW >QM05 50.115 H JA1VOK 11160330 BWOIW >QM05 50.117 H JA1VOK 11160338 BWOIR >PM85 50.117 S JA2OGB 11160346 BNOF >PM85 50.113 S JA2OGB 11160420 BV2NT >PM85 50.130 S JA2OGB	11081034 G4PCI GEORGE 50.230 J S59F
11232110	TS7N 579>JO31VF TS7N FB TS7N 599 NO TAKERS	50.127 PE1HWO	11160420 BV2NT >PM85 50.130 S JA2OGB	11091115 M5MUF 8DB/4.7 SEC 50.230 J OK1DDO 11151423 G3PCI CO JT6M 50.230 J 12WSG
11232122	TS7N CQ	50.127 DL8YHR 50.127 EA7KW	VIETNAM  11280557 XV3AA 59 50.130 HL1LTC 11290910 XV2NA CW 50.115 JASAUC 11290918 XV2XAY CW 50.116 JG3LEB 11290025 XV2NA CW 50.114 JG3LEB	11191254 G1KTZ IO70TM>JN62FB 50.137 IW0GPN 11191328 G0KYA JO02PO>JN62FB 50.137 IW0GPN 11201350 GB3BUX 56A > IO80JV B G4UPS
11262041	TS7N 57>JN59 TS7N 55>J052 TS7N AF-073	50.110 DL7QY 50.110 DL5WG	11290910 XV2NA CW 50.115 JASAUC 11290918 XV2XAY CW 50.116 JG3LEB	11201350 GB3BUX 56A > IO80JV B G4UPS 11201412 G4DBL 55A/53A IO91>IO80JV C G4UPS 11201415 G3HBR 55A/55A IO91>IO80JV C G4UPS
11262054	TS7N AF-073 TS7N 559 JM54>J060	50.128 DJ1AA 50.127 OK1DDO 50.127 DL8YHR	11290926 XV2NA CW 50.114 JG3LEB 11290951 3W22S CQ SSB 50.110 JG3LEB	11201430 G4DBL 58A >1080JV C G4UPS 11201517 G3ZVW 59A/59A 1091WP C G4UPS
11262105	TS/N AF-0/3 TS/N 559 JM54>J060 TS/N CQ SSB TS/N SB CQ TS/N 59 S CQ TS/N 5929JN35 TS/N 559>J021	50.127 MOBCG 50.127 F6HRP	11290926 XVZNA CW 50.114 JG3LEB 11290951 3W22S CQ SSB 50.110 JG3LEB 11300932 XVZNA CW CQ 50.111 JR2HCB 11300936 XVZNA CW 50.111 JG3LEB 11300941 XVZNA SSB 50.115 JA2POK	11201517 G3ZVW 59A/59A 1091WP C G4UPS 11201517+GB3MCB,GB3BUX AUR B G4UPS 11201731 G0JHC 59A-JN52 50.158 IZ5EME 11201807 G0JHC 50.157 SP7HKK
11262127 11262129	TS7N 529>JN35 TS7N 559>JO21	50.127 IZ1EPM 50.127 PA7FM	30.113 0.210	11201807 GUJHC 50.157 SF/HKK 11201812 GIYLE 59A JOO2>JN45 50.146 IW2LC
11262133	TS7N 559 ANDREAS TS7N S7 FOR 20 SEC TS7N SSB AF-073 TS7N NO PILE UP	50.127 PE1MZS 50.127 H SP3RNZ	Reports of Europe	11201910 G3FPQ 50.174 SP6NVN 11201915 GB3MCB 59A >IO80JV B G4UPS
11262144	TS7N CW	50.127 G3NPF 50.127 IK4PLW	Reports of Europe EUROPE GENERAL 11201654+EUR INBAND TV STRONG/FLUFFY I GAUPS	11201923 G4EZT 59A 1092>JN45 50.157 IW2LC 11201931 G0JHC 59A SSB 50.153 9A2F
11262157 11262202	TS7N 599>JN65 TS7N 579>JN65	50.127 S57A 50.127 IK3SSO	AT AND IC	11201944 GOJHC 55A 1083×JN54 50.128 IW4BET 11202101 G1ZJP 59A/59A 1092WV>1080 S G4UPS 11231843 MODEP 52 JN70CT 50.125 IZ8FDH
		50.127 PY1RO	11251855 OHOJFP 59 KP00 50.190 DL8YHR	11231843 MODEP 52 JN70CT 50.125 IZ8FDH 11231901 GTRAU 55 >JN70CT 50.125 IZ8FDH 11231904 G4IGO 59 IO80NW-JM56XT .110 H9YIT
ZAMB 11051913	BIA 9J2KC CQ	50.106 9H1TX	11252125 OHOJFP 539 JN48 50.190 DL4FCS 11252146 OHOJFP 50.190 ONSAA	11231916 G4IGO KEN CQ 50.120 L78FDH 11231924 G0JHC 52 CQ 50.135 9H1TX 11250913 G4UPS 50.145 SQ2CDC
11051923 11051924	9J2KC KH47 9J2KC 599 >IM88	50.110 EA7BVD 50.110 EA5AGR	AUSTDIA	11250913 G4UPS 50.145 SQZCDC 11250939 GB3MCB 519 559 >JO94 50.043 B SQZEDQ 11250944 GB3MCB 579 IO70>JO80 50.042 SF6MLK
11102010	9J2KC CQ 9J2KC KH47 9J2KC 599 >IM88 9J2KC SSB 9J2KC CQ CQ	50.110 SB4FL 50.110 CT1EGH	ALAND IS.  11251855 OHOJFP 59 KP00 50.190 DL8YHR 11252057 OHOJFP 559 >JO51 50.190 DK5AI 11252125 OHOJFP 539 JN48 50.190 DK5AI 11252146 OHOJFP 50.190 ON6AA  AUSTRIA  11090952 OESMPL JN78 50.230 G4PCI 11091013 OESMPL 559 >JO51 50.230 DK5AI 11091019 OESMPL 50SEC. 10DB 50.230 DK5AI	11251004 GBFMCB 579 1070 3080 50.042 SFMER 11251004 GOFYN 599>JN77 50.110 OE6BMG 11251012 G4UPS 579>JN86EH TED 50.100 9A8A
ZIMB	ABWE  Z22JE CQ Z22JE CQ		11180909 OE3XLB 599 JN87>IN94 50.058 B F6FHP	TOTONILA
11231651	Z22JE CQ Z22JE CQ	50.115 9HITX 50.115 IK5MEN	11202038 OE3WBA 55A 50.098 OZ3ZW 11221501 OE8RT 50.110 EH3LL	11011059 ESOSIX 529 50.037 B PA00
Ret	norte of Asia	(MidFast)	11251018 0E3XLB 579 > IO80JV B G4UPS 11300845 0E3XBL 26 MS JN87>J080 .058 B SP6MLK 11300903 0E5MPL PETER 50.145 IV3GTH 1301716 0E6HAG FB 50.122 S52R	11201519 ES1RA CW 50.115 ON5PU 11201631 ES5AM KO38 50.157 OZ8ABE
		(IIIIaLast)	11301716 OE6HAG FB 50.122 S52R 12010658 OE3XBL WEAK TR JN87>JO80 B SP6MLK	
CYPR 11010723	584AGM ,584FL 55 584FL >PL24	50.110 VR2XMT	RELARUS	11201915 ESOSIX 55A >IO80JV B G4UPS 11221725 ESOSIX 51A 50.037 B SMOEPO 11221931 ESOSIX 519 50.037 B EI7IX
11231330	584AGM 57 BSc 180° 584AGM 210°	50.110 C 5K4PMA/0 50.110 H F6FHP 50.110 IK5RLP	BELARUS 10261216 EU6MS 579 579 C Y07VS 11102143 EW6FS 55 55.000 SM3AFT	11250733 ESOSIX 599 KO18>IO90 50.036 B G7RAU 11300759 ESOSIX 26 MS KO18>JO80 .037 B SP6MLK
11241342	2 5B4AGM 519 BSc >JN6	1 50.110 IKOFTA	BELGIUM	12010320 ESUSIA 30 MS ROIS-0000 .037 B SPONDA
CYPR 10261036	US, British Sov.B	ase 9 km64BO C YO7VS	10231119 ON5SE 59 59 JN29UQ S YO7VS 10271130 ON6AA 599 599 JO11JD C YO7VS	FAROE ISLANDS 11020825 0Y2SMC 589 -0855 >1080JV B G4UPS
	ZC4CW CQ	50.110 T72EB	11011027 ON4IH WEAK & QSB 50.200 CN8LI 11191250 ON6WA JO20CW>JN62FB 50.137 IW0GPN	11222046 OY4TN 59 IP62>KP02 AUE.150 OH6KTL 11250722 OY6SMC 559 IP62>J080 50.035 B SP6MLK
ISRAE		KM72 C YO7VS	11191747 ON6AB 27 50.230 H IWSACZ 11201915 ON0SIX 57A JO20EP>IO80JV B G4UPS 11201950 ON5LGS 53A 50.170 SP6NVN	FINLAND
10280928	4X1IF 599 599			10261027 OH7PF 579 579 KP42VN C YO7VS
	4X11F 599, 424KX 53	9 50.110 9A6R	11201950 ON6AA 55A/55A JO11JD>1080 C G4UPS 11231921 ON5UE 55 JM56XT>J011LF .115 IH9YIT	11091140 OH5LIZ 50.230 PA00
UNITE		9 50.110 9A6R	11231921 ON5UE 55 JM56XT>JO11LF .115 HBYIT 11291223 ON0SIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS	11091140 OH5LIZ 11091810 OH9SIX 57A KP36>KP15 50.067 B SM2CEW 11101824 OH3MF 55A 50.095 SM0EPO
UNITI 11011201 11290949	ED ARAB EMIR A61AH 55 A61AH 55 >PL47	9 50.110 9A6R	11231921 ON5UE 55 JM56XT>JO11LF .115 HBYIT 11291223 ON0SIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS	11091140 OH5LIZ 11091810 OH9SIX 57A KP36>KP15 50.067 B SM2CEW 11101824 OH3MF 55A 50.095 SM0EPO
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ONSUE 55 JM56XT>JO11LF .115 IH9YIT 11291223 ONOSIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS BOSNIA-HERZEGOVINA	11091140 OH5LIZ
11011201 11290949	ED ARAB EMIRA A61AH 55 A61AH >PL47	9 50.110 9A6R  ATES  50.110 VR2XMT 50.110 S JA6JKD	11231921 ON5UE 55 JM56XT>JO11LF .115 HBYIT 11291223 ON0SIX 419 JO20EP 50.041 B DJ9CZ 11301258 ONOSIX 529>JN48 50.041 B DL4FCS	11091140 OH5LIZ

11302037 OH9SIX 559 50.067 B LA6FV 11302049 OH1UCS +16DB 50.230 OZ4ADX	11161401 IK5RLP 50.128 H PA00 11191309 IK5YJY JN53 FABIO 50.130 F1TDF 11191331 IRLPR 559 50.110 TR8CA	NETHERLANDS 11190503 PI7SIX 26 J022>J080 50.053 B SP6MLK
KANCE   10190929 F3CN 59	1191346   IKSRLP   57 JN52>JO21   50.134   PEIMZS   1191349   10VHL   539 JO32   50.104   H DG9Y1H   1191350   IKSRLP   59>IN89   50.134   GUOSUP   1191351   I4ZVQ   59/59 JN54XV>IO80JV   S G4UPS   1191354   I8LPR   JN71>JO32   50.110   W DG9Y1H   1191355   I7CSB   JN71>JO31   59 50.155   DL1EJA   1191357   IBLPR   579>INS2>IO80JV   S G4UPS   1191357   IBLPR   579>INS2>IO80JV   S G4UPS   GUOSUP   1191359   IWOGPN   55 JO32   50.137   H DG9Y1H   1191406   I7CSB   59 JN71   50.120   GINPF   ITDF   1191407   I7CSB   50.120   GINPF   INSTANCE   GINPF   INSTANCE   GINPF   INSTANCE   GINPF   INSTANCE   INSTANCE	11191244 PBOAMU JO22>JN62 50.137 IWOGPN 11191324 PA7CG 57 JN52LR 50.135 IK5RLP 11201702 PC1T 59A/59A JO33GA>IO80JV S G4UPS 11201703 PA7FM 59A/59A JO21CV DENNIS S G4UPS 11201712 PG7V 56A/56A JO22UI JAN C G4UPS 11201809 PA0FRE 59A/59A JO21FW FRED S G4UPS 11231857 PE3DB 55 JN70CT 50.125 IZ8FDH 11231859 PA7FM 55 JN70CT 50.125 IZ8FDH
10190952 RSCED 599 599 IN88XU C YO7VS 10231254 F6GEX 57 57 IN97NA S YO7VS 10251003 F6GEX 59 59 IN97NA S YO7VS 10271020 F6GEX 59 59 IN97NA S YO7VS 10271022 RSUO 59 59 IN97NA S YO7VS	11191406 I7CSB 59 JN71 50.120 FITDF 11191407 I7CSB 50.120 G3NPF 11191436 IKSFTV 57 JN53MV AL 50.140 DL6BF 11191439 I5ZSS 55 QSB 50.160 PA3GFY	NORTHERN IRELAND 11201952 GI3VAW 55A > IO80JV H G4UPS 11202234 GI4FUE 57A/57A IO74CR>IO80 C G4UPS
11160010 F6FHP	1191436   IKSFTV   57   JN53MV   AL   50.140   DL6FF	NORWAY 10070843 LA6BB 599 599 J059QC C Y07VS 11101949 LA3TQ LOUD>KP20 50.097 OH6Y 11111355 LA6BB 51A>J082KL 50.099 SP6NVN 11201423 LA5ZK 58 J059 50.120 SP6NVN 11250859 LA9VFA 55>JN53GI 50.155 IW5DHN 11280737 LA0XXX VERY WEAK 50.100 HA7UL 11302019 LA7SIX 539 50.051 B SMOKAK 11302020 LA7SIX 559>J075 50.051 B SMOKAK 11302030 LA7SIX 599 50.051 B LA6FV 11302041 LA7SIX 599 50.051 B PA00 11302255 LA4SI HRD 539 50.105 H EI7IX
11250820 F5GFR INPSLE 50.130 OH2EF 11250821 F3CN CQ 50.142 OH5LK 11250927 F1TDF 50.220 SQ2CDC 11251045 F5GFR 50.125 OK1JL 11251049 FX4SIX 599 JN06>J080 50.315 B SP6MLK 11251116 F6GEX 50.120 OK1JL 0E6BMG 11251116 F6GEX 50.100 OE6BMG 9A8A	11231850 IZBFDH 55×1090 50.125 H GOCHE 11231858 IZBFDH 57 I090×JN70 50.125 H GTRAU 11231902 IH9YIT 59 JM56XT 50.110 H GTRAU 11231912 IKOFTA 55 50.133 GWBIZR 11231915 IOJX 599 JN61 Es 50.004 B GTRAU 11231918 IWOGPN 59 JN62 ALEX 50.146 GTRAU 11231920 IH9YIT JM56×1073 50.115 GWBIZR 11231923 IW4DQY 59 QSB 50.140 EITEMB	POLAND 10070834 SPIFPG 59 59 S YO7VS 10070851 SP21YR 599 599 JO92GP C YO7VS 11161148 SP6GWB -13 50.001 PA00 11181915 SP8AWL 569 50.110 PYIRO 11201536 SPIEUS 55A/55A JO74SE ZIBI C G4UPS 11201651 SP6NIC JO81NC 50.085 DF7DJ 11201727 SP2TJ 50.170 DL6LZM 11201727 SP2TJ 50.170 DL6LZM
GERMANY  10070840 DLIANA 599 599 JO50TV C Y07VS 10070853 DLIRUN 599 599 JO60KX C Y07VS 10231227 DLIDA 579 579 JN48 C Y07VS 11191321 DL9YG 59>JN52LR 50.137 IW0GPN 11201634 DP90X 55A JO53HH 50.099 11201652 DL5WG 53A/53A JO52SH050JV C 64UPS 11201654 DP7DJ 55A/55A JO31VO BERT C 64UPS 11201715 DL1DCY 59A/59A JO31VF MIKE C G4UPS 11201715 DL1DCY 59A/59A JO31VF MIKE C 64UPS 11201715 DL1DCY 59A/55A JO72AW MIKE C 64UPS 11202000 DL20E 55A/55A JO72AW MIKE C 64UPS 11202116 DF00X 53A 50.105 IZ1EPM 11232227 DL7QY CW BSC 210 50.110 IK2GSO	1231912   IKOFTA 55	11201828 SP6NIC J081NC AUR 50.088 DJ6TK 11201854 SP6GWB 59A 50.185 H ONSLGS 11201858 SP2JJ 50.167 F6EXD 11201939 SP6NIC 59A/59A J081NC>1080 C G4UPS 11201939 SP6NIC 59A/59A KO11GG>1080 C G4UPS 11201957 SP6GWB 53A/53A J080 STAN C G4UPS 11201957 SP6GWB 53A/53A J080 STAN C G4UPS 11202028 SP2CNW 55A 50.098 0Z3ZW 11202031 SP8NR 55A KO12NA 50.098 0Z3ZW 11202059 SQ9SX 59 AUE 60 50.180 G0CHE 11202157 SP6AWL 579>J041 50.099 DL6YHR 11202209 SP2CNW J093>J042 AUR 50.102 DJ9KG 11231951 SP8AWL 579 FEAR ANT 50.110 F6FHP 11250909 SP5MXL 577/57 J092UN>1080JV S G4UPS 11251016 SP5MXL 579/539 J094MA>1080JV S G4UPS 11251016 SP5MXL 579/539 J092UN>1080 C G4UPS
GREECE  11020812 SVISIX IN/OUT KM17>JN08 B P5NLY 11020834 SVISIX 599>J050 50.040 B DL6AMI 11020852 SVIOE CQ 50.110 HB9SJV 11020853 SVIOE KM17VX 50.130 HB9OAB 11020857 SVIOE COSTAS 50.130 IW2HUS	11251115 ISMXX JN43JU 50.007 B G4FVP 11251120 INBJF2Q 579 > 1080JV B G4UPS 11251124 IZ1EPM 559 > 1080JV B G4UPS 11251124 IZ1EPM 559 > 1080JV B G4UPS 11251128 IKZTTP 57/57 JN45MF STEFANO S G4UPS 11251128 IOST 59, IKSZUL 449 B G4UPS 11251134 IW3FZQ 55/55 JN55VB ENRICO S G4UPS 11251137 IKRSTT 55 - 1137 > 1080JV H G4UPS 11251201 IKRSTY 599/599 FRANCO C G4UPS	PORTUGAL  11010957 CT0SIX 559>JN530Q 50.032 B IZ5EKV 10011002 CT0SIX 50.030 B T72EB 11011007 CT4KG 59>JN52 50.150 IK5RLP 11011017 CT0SIX 579 >JN54 50.031 B IW4BET 11051743 CT0SIX 559>JM490H 50.032 B IS0GQX 11181952 CT1FMX QUERES 50.001 D44TD
11020928 SVICOR 53 KM08>JN45 50.150 IW2HUS 1071404 SVIDH 519 CQ BSc 50.110 IWAZJ 11081414 SVIDH 539 BSc 160 50.110 EA7KW 11101400 SVIDH 539 50.110 TR8CA 11181607 SVIDH 519 50.110 FA7KW	ITU GENEVA 11201732 4U1ITU 55A/55A JN36BF>1080 C G4UPS IAN MAYEN	11020742 YO4BZC 585-JN52LR 50.128 IKSRLP 11020815 YO7VS 559-JM49OH 50.100 ISOGQX 11180822 YO5BWD CQ 59 50.110 IX2GSO 11181005 YO7VS 579 50.110 G3FFQ 11220957 YO5BMD CW>JN35 50.110 H IK1EGC
11261419 SV1DH Sc VY WEAK 50.110 IK5RLP	11221751 JX7SIX IQ50>J099 50.079 B SM0TSC	RUSSIAN FEDERATION 11131319 UA3ASZ ROSS 50.190 EA7BVD 11250916*UA INBAND TV VY STRONG I G4UPS
11012156 TF8GX 599 50.090 SM3GSK 11012214 TF8GX 559 QSB 50.090 OHIJCS 11012250 TF8GX 559 50.090 LA7HJA 11102233 TF3SIX 559 HP94BC 50.057 B SM6CMU	11242114 JX7SIX 549>JP82 AUE 50.079 B SM3GSK 11301728 JX7SIX 599 1050>KP15 50.079 B SM2CEW 11301951 JX7SIX 559 50.079 B SM0KAK 11302031 JX7SIX 559 50.079 B SM0KAK	SAN MARINO 11191318 T77GO JN63 50.150 F1TDF 11191320 T77GO 59+ 50.150 H G7KHF
11112225 TF3SIX 5/9 HP94BC 50.058 B PAUG 11112251 TF3SIX 50.058 B MOBCG 11112316 TF3SIX 519 QSB 50.057 B PAUFRE 11112338 TF8VET CQ 50.110 MOBCG 1141935 TF3SIX 559 HP94>KP21 50.058 B OH3XA 11152047 TF3SIX 559-599 50.057 B OZIDJJ 11221941 TF3SIX 539 HP94>KP21 50.058 B OH3XA	11222947 JX7SIX 57A 11222047 JX7SIX 559 TQ50RX 112222102 JX7SIX 559 TQ50RX 112422114 JX7SIX 559 JQ50RX 11301728 JX7SIX 559 JQ50 KPI5 1301728 JX7SIX 559 JQ50 KPI5 1301951 JX7SIX 559 1050 KPI5 113012031 JX7SIX 559 50.079 B SM3CKW 11302031 JX7SIX 559 50.079 B SM0KAK  JERSEY IS. 11201709+GB3IOJ 57A >1080JV 11232047 GB3IOJ 529  LATVIA 11201410 YL2JN CQ KO26 50.115 OZ2M	SARDINIA       11020851 IS0GQX 539     50.106 H Y05BIM       11181900 IS0GQX 589     50.110 PY1RO       11191335 IS0SGX 57 CQ     50.165 PA3GFY       11231936 IS0KEB 57     50.140 OZ1DJJ       11231945 ISOKEB CQ     50.140 OZ1ING       11241948 ISOIWW CQ     50.110 ZEIGOR
IRELAND  11201442 E15FK 54A/54A 1051RT>1080JV C G4UPS 11201533 E12JD 59A/57A 1063VS S G4UPS 11201733 E12JD 55A/55A 1063VO S G4UPS 11202101+E12JD 55A >1080JV H G4UPS	LITHUANIA 11201713 LY1CX 599/599 KO25NM AUES C G4UPS 11202128 LY2BAW 579 AUE>JO41 50.107 DLEYHR	SCOTLAND 11111545 GEJRMK AURORAL >1091 B G3HBR 11112039 GM7PBB AU-E >KP02 50.130 H OH6KTL 11201400 WM5TH 555 X090TV H GAIDS
11202148 EIBHZ 55A WKG GIDS 55A H GAUPS 11251028 EIBJK 59 IO51DN 50.182 9A8A 11251145 EIBJK 1051 LOUD 50.137 IK4SDT	LUXEMBOURG  11191242 LXOSIX 559>M62PB  11201915 LXOSIX 559 > 1080JV  11250728 LXOSIX 559>KP300N  50.023 B UNGPN  50.023 B OH5LK	11201415-GB3RMK 55A >1080JV B G4UPS 11201424 GM3UA 55A/55A IO75QL STEW C G4UPS 11201514 GM3UA 55A/55A IO78QF C G4UPS 11201514 GM3UA 59A/57A IO78QF B G4UPS 11201517-GB3RMK 56A >1080JV B G4UPS 11201528 MM0RSM 57A/57A 1086AD S G4UPS
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11160952 INSBM/66 51 CQ NO TAKER.150 FITOF 11161057 IK7UXY 599>JN16 50.110 F4ARJ	MARKET REEF 11201430 0J0JX 55A J054>J021 50.100 0N5PU	11250824 GB3RMK S7>JN76 50.060 B S51UF 11250936 GB3RMK 599>JN76 50.060 B S57MTA

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11250952 GM7PBB 59 IO68>JN54 50.133 I4LCK	11221940 JW9SIX VY WEAK>JO33 50.048 B PC5C 11251738 JW9SIX WEAK AU-E >KP02 .049 B OH6KTL 11281721 JW9SIX 579 QSB 50.049 B SM5LE 11301726 JW9SIX 599 JQ94>KP15 50.049 B SM2CEW 11301727 JW5SIX 599 KQ26>KP15 50.046 B SM2CEW 11301733 JW9SIX 599 JQ94>J089 50.049 B SM0EPO 11301734 JW5SIX 579 KC26>JO89 50.045 B SM0EPO	11241459 VP9 VRY WEAK 50.026 B K1GUN 11252142 VP9GE >EM60 50.110 KB4ET
11251002 GM/PBB 50.133 IKZTTP 11251029 MM1FAS IO87 50.145 IK5YJY	11281721 JW9SIX 579 QSB 50.049 B SMSLE	CANADA  10302243 VE7KF CN89
11251051+GB3RMK 579 >IO80JV B G4UPS 11301808 GB3LER 41A 50.064 B EI7IX	11301726 JW9SIX 599 JQ94>KPI5 50.049 B SM2CEW 11301727 JW5SIX 599 KQ26>KPI5 50.046 B SM2CEW	CANADA  10302243 VETYE CN89 >DL44 S XE2HWB
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SERRIA	11301751 JW9SIX 569 50.049 B LA6PV	10310009 VE/AHT CN89 >DL44 S XE2HWB 10310018 VE/RS DN09 >DL44 S XE2HWB
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11191238 YU1LR 55 JN94 50.149 F1TDF	11091042 SM5LE & 1123 50.230 J OH5LIZ	11112304 VESBY 519-539 AUE 50.049 B GOORC 11112310 VESBY 519 >JO41 50.049 B DL8YHR
11221432 YU1DG - YT1ET 59 50.110 EH3LL	11161040 SMOFJE JN54 50.100 I4LCK	11112349 VESBY 519 +AU 50.049 B MOBCG
11231839 YUIXX SSB >5041 50.109 DL87HR 11231840 YUIEU 529 QSB>JO41 50.110 DL87HR	11201525 SM7RYO JO76 50.175 SP6NVN	
11251045 YZ1EW 599/599 JN94XF AKIM C G4UPS	11201548 SM7FJE 58A/55A JO65 BO C G4UPS 11201609 SM7FJE 55A 50.090 OM7PA	CAYMAN IS.
SICILY	11201625 SM7FJE 59A JO65>JO60 50.090 OK1DPU	11012127 ZF1DC 51 240° 50.110 K4MM
11231903 IT9KEB CO DX 55>JO41 50.110 DL8YHR	11201719 SM7FJE 59A >JN53 50.146 IW5DHN	11012130 ZF1DC BSc >DL44 S XE2HWB 11012145 ZF1DC STRONG 50.110 K5CM
11231922 1T9Y1T 55×3032 CQ 50.115 H DG511L	11201740 SM6IQD 55A/55A JO57VR>IO80 C G4UPS 11201820 SM7FJE 59A CO 50.090 9A2F	11230118 ZF1DC 50.145 K4KWK
SLOVAKIA	11202101 SMOEPO 559>JN35 50.090 IZ1EPM	COSTA RICA
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SLOVENIA	11250903 SM5DIC 55/55 J089JT GUS S G4UPS	10292355 TI5KD >DL44 S XE2HWB
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11160037 S55M WEAK SC >1090 50.092 H G7RAU	11250925 SM7GXR 59 -0950 H G4UPS 11300916 SM4KIC 50.300 SK3GW	11012230 TI5KD > DL44 H XE2HWB
11160803 S55M MS 50.081 H OZ1DJJ	11301830 SM3XRA 57A 50.150 LA6PV	11150144 TI2NA 50.080 B PY2EX
11160806 S52SK 559 50.099 021D03 11190539 S51DI JT6M 50.230 G4PCI	SWITZERLAND	11201658 T1751X 57A >10805V B G40FS 11202009 T15KD >DL44 S XE2HWB
11191344 S51IV MS 559/559 , 50.108 DL1EJA	11220904 HB9FAX STESSO SEGNALE .150 IW1FZ	11202056 TI2NA EJ79>DL44 S XE2HWB 11231620 TI5RVV H XE2HWB
11191408 S51IV VERY STRONG 50.170 G3NPF	11231307 HB9AA 53>GABON 50.210 TR8CA 11250654 HB9SIX JN47QG 569 50.058 B OH5LK	11231628 TI2NA B XE2HWB
11191408 S57AC 55755 JN/6TN>1080JV S G40PS 11191417 S51IV 59 50.170 F6BXD	11201740 SMF0E 59A JNS3 50.140 11201740 SMF0ED 55A/55A J057VR-1080 C GUS 11201820 SMF0FE 59A CQ 50.090 9A2F 11202101 SM0EPD 559-JN35 50.090 1212EPM 11202120 SM0EPD 599+JN35 50.090 9A1BTU 11202120 SM0EPD 599 AUES J078QF .103 9A4K 11202223 SMF0EE 30' JN69-J065 50.102 OK1FM 11202233 SMF0EE 57A >1080JV H GUUES 1122036 SMF0ED 559/59 J099BD>1080JV C GUBS 11250913 SM5CEU 59/59 J099BD>1080JV C GUUES 11250913 SM5CEU 59/59 J078QF>1080JV S GUUES 11250913 SM5CEU 59/59 J078QF>1080JV H GUUES 11250916+SMFRVO 59 >1080JV H GUUES 11300916 SM4KIC 50.300 H GUUES 11300916 SM4KIC 50.300 H GUUES 11301830 SM3XRA 57A 50.150 SK3GW 1300916 SM4KIC 50.300 H GUUES 11250924 HB9FAX STESSO SEGNALE .150 TM8CA 11251307 HB9AA 53~GABON 50.210 TR8CA 11250654 HB9SIX JN47QG 569 50.058 B OH5LK 11251055 HB9SIX 579 >1080JV B GUUES  WALES 11205940 GW3HWR 50.209 SQ2CDC  WALES	CURA
11191425 S57AC 55 >JN76TN 50.175 F6BXD	WALES	11211934 COSLY 55 50.125 NW5E 11231711 COSDM 50.125 K4KWK
11201902 S59A CQ A 50.082 DK5AI	11201541 GW4IIL 57A/53A 1082AE PETER S G4UPS	11231711 CO8DM 50.125 K4KWK
11201903 S54M 50.080 H G4FVP 11201915 S55ZRS 55A >IO80JV B G4UPS	11250940 GW3HWR 50.209 SQ2CDC 11251018 GW3RME 599 IO82KX 50.108 9A8A	DOMINICAN REPUBLIC
11202022 S51IV 55A 50.098 OZ3ZW 11221448 S51IV 55 50.110 EH3LL 11231928 S51DI JN76 57>JO21 50.140 PA2M	11251106 GW4PVU 50.130 IK2TTP	11062248 HI3TIJ >EN52 50.110 K9HMB
11231928 S51DI JN76 57>J021 50.140 PA2M	Denoute of North America	11212122 HISROX 5&9 50.120 NW5E
11251030 S51UF 59/59 JN76UP RUDI S G4UPS 11251031 S51UF 59+>IO91 50.186 G4IFX	Reports of North America	11230101 HI3TEJ >EN52 50.115 K9HMB 11230104 HI3TEJ 50.115 K4UTE
11251034 S55ZRS 579 >1080JV B G4UPS 11251051 S56HCE 59/59 JN75AP EDO S G4UPS	Reports of North America  North American Waters	11230124 HI3TEJ >EN53 WI 50.115 K9APW
11301446 S57RR CQ 50.100 IK2IQC 11301611 S57RR CQ S9+ 50.105 T72EB	11162335 N4VA/MM 50.110 PY4OY 11182117 KG6UH/MM 59>RE66 LOUIS .110 ZL3JT 11192111 KG6UH/MM 559 EK06 50.110 ZL3JT	CDEENII AND
11301011 55/RR CQ 557 50.103 1/285	11192111 KG6UH/MM 559 EK06 50.110 ZL3JT	11102256 0X3VHF WEAK>J057 50.045 B SM6CMU 11112222 0X3VHF 559 J045 50.045 B 0Z3K 11112240 0X3VHF 549 50.045 B 0Z1DPR
SPAIN	AT ACTA	11112222 OX3VHF 559 JO45 50.045 B OZJK 11112240 OX3VHF 549 50.045 B OZIDPR
10251116 EH5AJX 59 57 IM98KU S YO/VS 11010942 EH7KW CW>JN35 50.110 H IK1EGC	ALASKA 10310031 KLORG CO45 >DL44 S XE2HWB	11222001 OX3VHF 559 GP60>KP21 50.045 B OH3XA 11222010 OX9SIX 59>IO68 50.067 B GM7PBB
11010947 EH7KW 569>JN65 50.110 S50B	11022202 KL7 DATA 45.920 D K6QXY	11222010 00/31% 3//2000
11181923 EH7BYM IG66>JM56XT 50.110 IH9YIT	11052355 KL7 Data >QM05 40.690 D JA1VOK	GUADELOUPE 11052257 FG5FR FRANTZ 50.105 PY2EX
11191325 EH7RM 599>J060 50.110 OKIDPO 11201727 EH2KP 53A/53A IN83MG 180° S G4UPS	11110402 KL7NO 59A>D033 50.125 VA6SZ 11110404 KL7/KG0VL 599++AU 50.065 B VA6SZ	11052257 FG5FR FRANTZ 50.105 PYZEX
11211333 EA3AXV FSK441 6DB 300MS.110 SP2MKO	11110406 WL7X 53A BP64 50.135 VA6SZ	GUATEMALA
11231948 EH5CGU S9 JM99XX 50.135 SP2GHY	ALASKA  10310031 KLORG CO45 >DL44 11022202 KL7 DATA	10302225 TG9NX >DL44 S XE2HWB 11212021 TG9SO 54 CO >ESPANOL 50.110 NH7RO
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CVATDADD	11140039 C6AFP 569 EM75 TN 50.062 K8WW	HONDURAS
11011951 JW9SIX 579 50.048 B SM0EPO	11140135 C6AFP FL16>EM32 50.063 B N0EYE 11142322 C6AFP 549 OSB >FL16 50.062 K7BV/1	11222313 1112121 1102
11041802 JW5SIX 579 KQ26>KP15 50.046 B SM2CEW	11190050 C6AFP S1 FL16>EN80 50.063 B N8BJQ	MARTINIQUE
11041811 JW9SIX 50.049 B OH6Y	11192342 COAFF 539 QSB 50.003 B N3BB 11211417 C6AFF >FM29 50.062 B W3JO	11072342 FM5WD CQ CQ 50.110 LW6DC 11202040 FM5WD 599 FK94>FN04 50.108 VE3FGU
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11121923 JW5SIX 599 KP10IE 50.045 B OH1JAW	11230007 V31MD 50.120 K4KWK 11230013 V31MD 50.120 AB4GG	11212252 XE1BEF 52 DK89 50.110 NH7RO
11131824 JW9SIX 599 AU-E 50.045 B OH6KTL	11230024 V31MD 50.130 KG4EFR	11221816 XE1XR DAVID 59.000 WP4NIX
11161729 JW5SIX 599 KQ26>KP15 50.046 B SM2CEW	11230053 V31MD 59 50.130 K4EA	11231530 XE1AVM CW>FJ09 50.110 HP2CWB
11161737 JWSSIX LOUD 50.046 B OH6Y	11230056 V31MD STILL THERE 50.130 KN4QS	11231600 XE1MM CQING 50.106 K5CM 11231629 XE2K 50.125 HP2CWB
11161801 JW5SIX AUE 50.045 B SM3LBN	BERMUDA	11231632 XE2TZP, XE2TH DM30>FJ09 .120 HP2CWB
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11221717 JW5SIX KQ26>J099 50.046 B SM0TSC	11211517 VP9GE FM72>EM10 50.121 NA4M 11211513 VP9GE GUD SIG>EM21 50.121 K5XX	11231622 HP2CWB 57-59
11221730 JW9SIX 599 50.049 B LA6PV 11221909 JW9SIX 559 AUE JQ94>JO54 B OZOJX	11211602 VP9GE ED 50.121 K1SG 11241214 VP9DUB 599 50.025 B W1JJ	HONDURAS   11212021 TG9SO 54 CQ
	1997	

	11301913 K5AB 599 EM01>DN70 50.060 B K0GU	Assatualia Camanal
PUERTO RICO 11200043 WP4NEG 59 50.110 PY5IP	11301923 W5GI 55 EM10>DN70 50.125 K0GU 11301953 W5RP DM91>DN70 Es 50.073 B K0GU	Australia, General 11012210+VK TV VID S9+ 11041850 VK TV VIDBO >CM88 46.240 V K6QXY 46.240 V K6QXY
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11230154 KP4EIT 50.180 K5CM 11230245 WP3YM FK68 51 50.125 K5IX 11230249 WP3YM FK68 50.125 NW5E	10310218 N6FPU	11040317 VK2UMA >QM05 50.110 H JA1VOK 11040319 VK2UMA QG61>PM96 50.120 S JH1WHS
11231822 KP4EIT 59 50.120 KB6NAN 11231825 KP4/NITKK 57 FK68 50.110 S K6FV	10310244 N6XQ >DL44 S XE2HWB 11012133 K6ILG BSc >DL44 H XE2HWB 11012210+W6S BSc 240* >CM88 K6QXY	11040322 VK2HO QG61>FM96 50.125 \$ JH1WHS 11040328 VK2YO QG61>FM96 50.110 \$ JH1WHS 11041132 VK2QF CW >QM05 50.110 H JAIVOK
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	11231616 K6LIG >FJ09 & 1628 50.125 HP2CWB	11240404 VK2BHO CW >QM05 50.1105 H JAIVOK 11240408 VK2DN 599>PM37 50.111 HLILITC
ST BARTHELEMY 11050134 FJ5DX CQ 57 50.110 LU9HS	United States, W7 10300001 N7RY CN85 >DL44 S XE2HWB	11240411 VK2BHO FG75>FM96 50.130 8 JH1WHS 11240444 VK2FHN CW >QM05 50.111 H JA1VOK 11260945 VK2ZKC 599 NORM 50.110 ZL3JT
11110101 FJ5FR 59 >GG54 50.140 PY5IP 11192255 FJ5DX 50.110 PY4OY 11200111 FJ5DX CO DX 50.105 PU2WDX	10300001 N7RY CN85	11260948 VK2BPL CQ CW 50.110 ZL3JT 11260949 VK2FHN CQ CW PHIL 50.110 ZL3JT
11200111 FJ5DX CQ DX 50.105 PU2WDX 11200116 FJ5DX 50.105 PY2VA 11292211 FJ5DX 50.110 FG1GW	10302338 W7XO CN84 >DL44 S XEZHWB 10302344 AA7ML CN85 >DL44 S XEZHWB	11280539 VK2HO 59 W/JAS SSB 50.120 HLILTC 11300601 VK2FHN CQ CW 50.111 JG3LEB
ST KITTS & NEVIS IS.	10302344 W7KKE CN75 >DL44 S XE2HWB 10302345 K7BG DN47 >DL44 S XE2HWB	11300606 VK2DN >PM96 50.106 C JH1WHS 11300613 VK2APG CQ 59 50.140 JE2XEY
	10302347 NW70 DN47 >DL44 S XE2HWB 10302351 K7SS CN87 >DL44 S XE2HWB	11300616 VK2UMJ QG30>PM96 50,120 S JH1WHS 11300619 VK2ZBD QF55>PM96 50,120 S JH1WHS
11231812 V44KAI FK87>DN70 50.055 B K0GU	10302352 K7IGX CN87 >DL44 S XE2HWB 10302353 W7YOZ CN87 >DL44 S XE2HWB 10302355 W7OFT CN87 >DL44 S XE2HWB	11300621 VK2GP >PM96 50.120 S JH1WHS 11300623 VK2RSY 52.421 B JG3LEB 11300629 VK2APG QF55>PM96 50.139 S JH1WHS
ST MARTIN	10302356 K7WXW CN95 >DL44 S XE2HWB 10302357 K7WIA CN87 >DL44 S XE2HWB	11300629 VK2TG 50.130 JR2HCB 11300631 VK2BJ CW 50.105 JR2HCB
11262332 FS5UQ VY STRONG 50.115 PU2WDX 11262339 FS5UQ 50.110 PY4OY 11270015 FS5UO 59++ 50.130 PY8AZT	10302358 AA7CQ CN87 >DL44 S XE2HWB 10302358 KA7CGG >DL44 S XE2HWB	11300632 VK2ZBD 59 WKG JG2BRI 50.130 JR2HCB 11300637 VK2UMJ/QRP 50.130 JR2HCB
11270015 FS5UQ 59++ 50.130 PY8AZT 11270051 FS7UQ CQ EUROPE 50.110 N7DD	10302359 N7EPD CN87 >DL44 S XE2HWB 10310001 W7NBH >DL44 S XE2HWB	11300645 VK2BJ >PM96 50.105 C JH1WHS 11300702 VK2BHO CW CQ 50.111 JR2HCB
SINT MAARTEN	10310002 K7HLN DN36 >DL44 S XE2HWB 10310002 W7RPT >DL44 S XE2HWB 10310003 W7LFD >DL44 S XE2HWB	11300746 VK2ZXC >FM96 50.110 S JH1WHS 11300800 VK2ZXC CQ 59 50.160 JE2XBY
11162313 PJ7/K2GSJ 50.130 PY2VA 11180124 PJ7/K2GSJ 59 >GG54 50.110 PY5IP	10310003 W7UQ DN16 >DL44 S XE2HWB 10310004 K7ECB CN87 >DL44 S XE2HWB	Australia-Victoria-VK3
TURKS & CAICOS	10310005 K7MQF CN88 >DL44 S XE2HWB 10310005 W7/K2ZU CN87 >DL44 S XE2HWB	11130837 VK3XQ >PM53 50.125 S JA6TEW 11130842 VK3AZY >PM53 50.125 S JA6TEW
11230042 VP5VAC 50.110 KG4QMI 11230049 VP5VAC FL31 50.110 KG4WD 11230058 VP5VAC 50.110 K9HMB	10310010 W7KQU CN87 >DL44 S XE2HWB 10310011 W7FI CN87 >DL44 S XE2HWB	11190305 VK3DUT >FM96 50.150 S JH1WHS 11190316 VK3DUT >QM05 50.126 H JA1VOK 11190531 VK3RS QF32 50.140 NH7RO
11230058 VP5VAC 50.110 K9HMB 11252335 VP5JM 50.120 WD4LBR 11252342 VP5JM 34 FM18 50.120 N3DB	10310012 K7MRU CN87 >DL44 S XE2HWB 10310012 W7MEM DN17 >DL44 S XE2HWB 10310012 W7MEM CN99 >DL44 S XE2HWB	11190533 VK3DUT CQ 59 50.110 NH7RO 11190536 VK3HV 53 QF31 50.140 NH7RO
VIRGIN IS.	10310013 W7/N4SL CN88 >DL44 S XE2HWB 10310017 NW7US CN87 >DL44 S XE2HWB 10310020 K7MCX CN87 >DL44 S XE2HWB	11190541 VK3AJN 54 QF33 50.110 NH7RO 11192107 VK3DUT BACK OF MY ANT .110 ZL3JT
11202126 KP2L FK78 50.140 K9DXR 11202132 KP2L >DN70 50.140 K0GU	10310021 KD75QR CN87 >DL44 S XE2HWB 10310023 KC71YP CN87 >DL44 S XE2HWB	11240433 VK3DUT
	10310026 KD7MJK CN87 >DL44 S XE2HWB 10310039 K7HDE CN88 >DL44 S XE2HWB	11300623 VK3XQ >PM96 50.120 S JHIWHS 11300630 VK3XQ 50.130 JR2HCB
United States, W2 11201846 KB2WAS AU-FM16 50.133 KG4QMI	10310040 K7JY CN87 >DL44 S XE2HWB 10310041 N7EY >DL44 S XE2HWB	Australia-Queensland-VK4
11201904 KC2HLI FN30>FM16 50.133 KG4QMI	10310220 K7LAS >DL44 S XE2HWB 10310222 K71CW DM26 >DL44 S XE2HWB 11051830 W7s MT >CM88 K6QXY	10280805 VK4AEW 599 SWL OH30IR H Y07VS 10290358 VK4APG CW >QM05 50.110 H JA1VOK
United States, W3 11192312 N3DB 559 50.110 PY1RO	11161109 W7GJ EME -27DB 50.190 G0JHC 11161115 W7GJ EME -20DB 50.190 9A4K	10290358 VK4NW
11241439 W3/KL7GLK 579 EM60 50.075 B K4DD	11201800 W7s OR,WA,ID AURORA -2000 K6QXY 11201820 W7BDK 35A DN14>CM87 50.135 H K6FV	11021105 VK4CKQ CW >QM05 50.110 H JAIVOK 11021224 VK4DHF CW >QM05 50.110 H JAIVOK
United States, W4 11130022 KQ4E 559>FN30 50.067 B AA2DR	11231614 AA7A 59 WKG HK4BKB 50.110 HP2CWB 11300154 W7YM 50.130 WQ5W	11040212 VK4AHW >QM05 50.110 H JA1VOK 11040233 VK4RGG >PM96 50.056 B JH1WHS
11130025 WB4GTB 50.150 H WA1ECF 11200218 K4QI CQ CW 50.110 PY2EX	United States, W8	11040236 VK4AHW QG63>PM96 50.130 S JH1WHS 11040237 VK4NW >QM05 50.110 H JA1VOK
11211600 W4s FL EL86,95 >CM88 K6QXY 11212254 W4SO CQ 52 50.110 PYIRO	11202233 ABBNI EN91>FN42 AU 50.085 AD1C 11292353 NBCJK 529 EN84>DN70 50.125 K0GU	11040237 VK4RGG >QM05 50.058 B JA1VOK 11040245 VK4NW QG63>PM96 50.120 S JH1WHS 11040335 VK4ASL >PM96 50.120 S JH1WHS
11221550 W4s FL EL86>CM88 K6QXY 11221556 K4RX 59 >FI06 TERRY 50.110 HC3AP 11222042 W4/NL7AU FLORIDA KEYS .110 HP2CWB	11301705 N8PUM 559 STEADY 50.068 B VA6SZ	11040340 VK4JOO >QM05 50.110 H JA1VOK
11230100 KE4KVW EN44>EM80 50.125 KB9PJL 11230126 KF4FAJ 59 >FN31 50.140 KC2CWT	United States, W9	11040353 VK4ADM >PM96 50.125 S JH1WHS 11040413 VK4JOO >PM96 52.525 F JH1WHS
11230131 KF4FAJ 53 EL96>EN63 50.140 KB9WMJ 11230208 KE4KVW 59 EM80>EM04 50.125 KD5OMJ	11221527 KA9CFD 50.125 KB6NAN 11221555 W9/VE3CDP DON>IL 50.110 HC3AP	11041003 VK4CXQ CW >QM05 50.110 H JA1VOK 11041026 VK4ABW CW >QM05 50.110 H JA1VOK
11231451 W4/WB2QLP EL96>EM79 50.125 WZ8D 11241433 KD4NVM 55 FM27>FN30 50.125 AA2DR	United States, W9  11100106 WB9PNU 50.110 LU8MB 11221527 KA9CPD 50.125 KB6NAN 11221555 W9/VE3CDP DON>IL 50.110 HC3AP 11221613 KA9CPD 56>F106 50.110 HC3AP 11280129 KA9CPD EN40>EM79 50.145 WZ8D 11290401 KB9ZTF EN53 50.127 NW5E 113900057 KA9CPD EN40>DM70 59 50.125 K0GU	11041147 VK4FNQ >QM05 50.110 H JAIVOK 11050343 VK4JH CW >QM05 50.110 H JAIVOK
11251439 WA4VUT 59 EM50>FN30 50.125 AA2DR 11280337 KE4KVW EN63>EM80 50.125 NK90 11290216 WO4DX 57>FLA 50.125 W4GDC	11300057 KA9CFD EN40>DN70 59 50.125 K0GU	11040335 VK4ASL >PM96 50.120 S JHIWHS 11040334 VK4JOO >QM05 50.110 H JAIVOK 11040343 VK4JOO >PM96 50.120 S JHIWHS 11040413 VK4JOO >PM96 50.125 S JHIWHS 11040413 VK4JOO >PM96 50.125 S JHIWHS 11041003 VK4CXQ CW >QM05 50.110 H JAIVOK 11041026 VK4ABW CW >QM05 50.110 H JAIVOK 1104104 VK4FNQ >QM05 50.110 H JAIVOK 1170211 VK4CWJ >PM96 50.110 H JAIVOK 1170211 VK4CWJ >PM95 50.110 H JAIVOK 1170211 VK4CWJ >PM95 50.110 H JAIVOK 1170211 VK4CWJ >PM95 50.110 H JAIVOK 1170310 VK4ABW >QM05 50.110 H JAIVOK 1170310 VK4ABW >QM05 50.110 H JAIVOK 1170320 VK4ABW
	United States, W0	11170250 VK4NW >QM05 50.110 H JA1VOK 11170320 VK4ABW >QM05 50.110 H JA1VOK 11170320 VK4AHW >QM05 50.110 H JA1VOK 11170325 VK4ANW >QM05 50.110 H JA1VOK 1120108 VK4CXQ CW >QM05 50.110 H JA1VOK 11220532 VK4BLK 57 50.110 M JA1VOK 11280558 VK4NW 50.110 H JA1VOK
10210006 WEEDB >DL44 H XE2HWB	10310024 K0YW DM67 >DL44 S XEZHWB 11211150 KA0PQW EN33>FM10 S0.125 KG4QWI	11201108 VK4CXQ CW >QM05 50.110 H JA1VOK 11220532 VK4BLK 57 50.110 NH7RO
10210005 N5UWB BSc >DL44 H XE2HWB 10270010 K5AB >DL44 B XE2HWB	11221558 KM0A 55 QSB 50.110 HC3AP 11250145 KC0KGZ EN10>EL98 50.125 NW5E	
10270020 KC5WYN EN12 >DL44 H XE2HWB 10270032 KD5TPK >DL44 H XE2HWB	11260151 WT0A 59>EL98JH 50.125 NN4X 11280117 W0/KL11F 59 EM37>FN30 .125 AA2DR	South Australia-VK5 11261005 VK5ZMB WKG ZL3AAU 50.110 ZL3JT
United States, W5  10210006 W5EUB	11290000 N0ENO 55 DO33>EM28 50.133 VA6SZ 11300002 KCONBG 55 DO33>EM28 50.133 VA6SZ	West Australia-VK6
10300047 W5/W3XE BSC >DL44 H XE2HWB	11300030 WD000D E7 E0 130 VA607	10280905 VK6JQ 559 539 PH12CC C YO7VS 10291030 VK6RSX >QM05 50.304 B JA1VOK
10310007 AA5XE EM00 >DL44 S XE2HWB 10310008 AE5B EM02 >DL44 S XE2HWB	11300042 KC0KGZ 59 DO33>EN10 50.138 VA6SZ	10291040 VK6JQ CW >QM05 50.110 H JA1VOK 10311230 VK6RSX >OM05 50.304 B JA1VOK
11012210+W5s BSc 240° >CM88 K6QXY 11012305 W5/W6JKV 559 >FK60 50.110 YV1DIG	11300120 KOKP 539 50.073 B VA6SZ	11010103 VK6JQ 539>CN85 OR 50.106 WX7R 11010517 VK6JQ CW >QM05 50.112 H JA1VOK
11142135 KG5NM IN NC 59.000 KG4ODX 11182214 W5OZI 559 PAT 50.110 ZL3JT	12011857 W0/KL11F BRAD EM37 50.125 K5CM	11010517 VK6RSX >QM05 50.112 H JA1VOK 11010517 VK6RSX >QM05 50.304 B JA1VOK 11010713 VK6JQ 50.110 YA1D 11010752 VK6JQ 50.110 HJJLTC
11221550 W5s NM DM65,55>CM88	Reports of Oceania	11020900 VK6RSX >QM05 50.304 B JA1VOK
11230247 KD5ZEZ 58>EL98JH 50.125 NN4X 11231639 W5VAS 50.060 B XE2HWB 11251434 KD5KPJ 58 EM25>FN30 50.125 AA2DR	Reports of Oceania   SouthWestern Pacific Waters   11990250 FKBHA/MM   >QM05   50.120 H JA1VOK   11170214 VK3ZRP/MM   >PM85   50.110 S JA2OGB	11050813 VK6JQ CQ CW 50.110 YA1D 11050935 VK6RSX >QM05 50.304 B JA1VOK
11251630 W5SIX, W5s NM >CM88 B K6QXY 11281648 NW5E 51 FM19>EL96 50.125 AK3E	11090250 FK8HA/MM	11051144 VK6RSX 549 50.304 B A61AH 11060510 VK6RSX >QM05 50.304 B JA1VOK
11290411 NW5E EL98>EN52 50.128 KI9R 11290430 NW5E 58 EL98>EN63 50.127 KB9WMJ		11071020 VK6KSX >QM05 50.304 B JA1VOK 11100830 VK6RSX >QM05 50.304 B JA1VOK

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11150920 VK6RPH	11020303 V73MJ >QM05 50.120 H JA1VOK 11030300 V73SIX >QM05 50.014 B JA1VOK 11032325 V73SIX >OM05 50.014 B JA1VOK	11260922 ZL2TPY WEAK 50.160 VK3OT 11260944 ZL3AAU 50.110 VK3OT 11270000 ZL TV VIDEO S9+ >CMRR V K6OXY
Australia-Tasmania-VK7	11040252 V738IX >QM05 50.014 B JA1VOK 11070040 V738IX >QM05 50.014 B JA1VOK 11080330 V738IX >QM05 50.014 B JA1VOK	11270000 ZL TV VIDEO S9+ >CM88 V K6QXY 11282340 ZL TV VIDEO WEAK V K6QXY 11302148 ZL TV VIDEO S9++ V K6QXY 11302250 ZL2MHB FSK RTTY 51.030 VK3OT 11302257 ZL2TPY BEAMING EAST 50.110 VK3OT
11190257 VK7BBW >PM96 50.112 C JH1WHS 11200626 VK7NN >QM05 50.110 H JAIVOK 12010502 VK7JG CQ SSB 50.110 ZL3JT	11100350 V73SIX	11302257 ZL2TPY BEAMING EAST 50.110 VK3OT 12010012 ZL TV AUDIO & GONE 50.740 F K6QXY 12010412 ZL3SIX >PM85 50.040 B JR2HCB
Australia-Northern Terr.	11122300 V73SIX >QM05 50.014 B JA1VOK 11132230 V73SIX >QM05 50.014 B JA1VOK 11142306 V73SIX 599 >MOLOKAI 50.114 B K9FD/KH6	12010442 ZL3MH CQ SSB 50.110 ZL3JT 12010513 ZL3JT 559 50.111 JR2HCB 12010519 ZL3NW 579 ROD 50.111 JR2HCB
11010031 VKBMS CW/SSB WKG JA1 50.110 NH7RO 11010113 VKBMS 59>KH6 50.130 K9FD/KH6 11010119 VKBRAS 599 50.047 B HL1LTC	11030300 V73SIX	PAPUA/NEW GUINEA 11160545 P29KFS >PM85 50.105 S JA2OGB
11021122 VKBMS	11232330 V73SIX >QM05 50.014 B JA1VOK 11250355 V73SIX >QM05 50.014 B JA1VOK 12010411 V73SIX >PM85 50.014 B JR2HCB	PHILLIPINES 10302300 DULEV >OM05 50.008 B JAIVOK
11041003 VK8RAS >QM05 50.047 B JAIVOK  FRENCH POLYNESIA	NAURU 11010235 C21SIX >QM05 50.038 B JA1VOK	10311338 DU7/N7ET CW >QM05 50.110 H JA1VOK 10311440 DU1BP >OM05 50.1445 H JA1VOK
10290728 F05RA >PM96 50.115 S JH1WHS 10290728 F05RA >QM05 50.115 H JA1VOK	NEW CALEDONIA	10311505 DU1EV CW >QM05 50.110 H JAIVOK 11010720 DU7/N7ET 599 50.115 HL1LTC 11010726 DU7/N7ET 90 CW 50.115 DS1CCU
GUAM 11010032 KG6DX CQ 59 50.110 HL1LTC	11020200 FK8SIX	1101134 DUIEV CW >QM05 50.110 H JA1VOK 11011303 DU7/N7ET CW >QM05 50.110 H JA1VOK 11021127 DU7/N7ET CW >QM05 50.115 H JA1VOK 11040854 DUIEV >QM05 50.008 B JA1VOK
11150825 KH2/K8VR CW >QM05 50.115 H JA1VOK 11150833 KH2/K8VR >FM95 50.115 C JLIOXY 11160923 KH2/K8VR CQ RTTY 50.113 VR2XMT 11220542 KG6DX CLG HL5 50.110 HL1LTC	11020500 FK8FZ >QM05 50.130 H JAIVOK 11030300 FK8FX >QM05 50.080 B JAIVOK 11030322 FK8EB CW >OM05 50.110 H JAIVOK	11041053 DU7/N7ET CW >OM05 50.110 H JA1VOK
HAWAIIAN IS.	1020340 FR8SIX	11080405 DUIEV >QM05 50.008 B JAIVOK 11090521 DUIEV >QM05 50.115 H JAIVOK
10292232 KH6HI >DL44 B XEZHWB 10292243 KH6IAA >DL44 H XEZHWB 10292249 WH5KM >DL44 H XEZHWB	11160420 FK8SIX >QM05 50.080 B JA1VOK 11160420 FK8SIX >QM05 50.080 B JA1VOK 11170221 FK8SIX 599>PM37 50.079 B HL1LTC	11100430 DUIEV
10292251 NH7RO	11170250 FK8SIX > >M05 50.080 B JAIVOK 11170258 FK8GX SSB 50.110 HLILTC 11170259 FK8GX >>M05 50.110 HJAIVOK 11170302 FK8GX > PM53 50.125 S JA6TEW	11201050 DOTEV >QM05 50.008 B GATVOR
10300342 KH6HI - DL44 B XEZHWB 10300346 KH6/W4MDL BK29 > DL44 S XEZHWB 10300351 NH6YK > DL44 S XEZHWB 20300401 NH7C NP70	11200416 FK8SIX 559>QF12 50.080 B VK3SIX 11200426 FK8CA W/ VK4AN RG37 50.105 VK3SIX 11200556 FK8EB WEAK CW 50.110 VK3SIX 11200702 FK8EB WEAK CW 50.110 VK3SIX	11201205 DU7/N7ET CW >QM05 50.110 H JA1VOK 11201306 DU1/GM4COK CW >QM05 50.110 H JA1VOK 11210130 DU1EV >QM05 50.008 B JA1VOK
HAWAIIAN IS.   10292232 KH6HI	NIENE PER A AND	SABAH 11010805 9M600 CW 0J85>QM05 50.111 H JA1VOK
10310245 NH7RO BK29 >DL44 S XEZHWB 10312134 KH6s	10290355 ZLJTY CW >QM05 50.110 H JAIVOK 10312012 ZL TV VIDEO >CM88 V K6QXY	11010809 9M600 CW PILEUP 50.111 HL1LTC 11010810 9M600 UP CW 50.111 DSICCU 11010824 9M600 >PM96 50.111 C JH1WHS 11010834 9M600 599>QM05 50.111 C JAIVOK
110110138 NH/RO VW >DL44 H XEZHWB 1101101049 KH6SX 59 QSB 50.110 HLLLTC 110110150 KH6/K9FD CW >QM05 50.1105 H JALVOK	11010034 ZL3TY CW 50.110 HL1LTC 11010053 ZL2TPY >DL44 S XE2HWB	11011050 9M6AAC CW >QM05 50.107 H JA1VOK 11030321 9M6AAC CW >QM05 50.108 H JA1VOK
11010105 An/G 50.120 S HEILIC	11010054 ZL4AAA >DL44 S XE2HWB 11010114 ZL1VHF 599>PM37 50.043 B H1L1LTC 11010832 ZL2AQR 53 RF56 50.115 NH7RO 11010841 ZL3JT 59>KH6 50.110 K9FD/KH6 11010845 ZL3NW 50.110 K9FD/KH6	11030750 9M6AAC
		11030840 9M6AAC CW >QM05 50.106 H JA1VOK
11010123 AH7G CQ 50.120 DS1CCU 11010124 KH6SX 55 50.110 DS4EOI 11010717 NH7RO 50.140 ZLJGA	11010853 ZLIUF 52 5-10 W 50.110 NH/RO 11010858 ZLIUF 50.110 ESIAJ	11040400 9M6AAC CW >QM05 50.110 H JA1VOK
11010123 AH7G CQ 50.120 DS1CCU 11010124 KH6SX 55 50.110 DS4EO1 11010717 NH7RO 50.140 ZL3GA 11010736 KH6SX CW 50.110 ZL3GA 11012038 KH6IAA 57>FJ09 50.110 HP2CWB 11012045 KH7T SSB WKG TI 50.110 HP2CWB	11010853 ZLIUF 52 5-10 W 50.110 NH/RO 11010858 ZLIUF 50.110 ESIAJ	11040400 9M6AAC CW >QM05 50.110 H JA1VOK
11010118 KH6SX	11010853 ZLIUF 52 5-10 W 50.110 NH/RO 11010858 ZLIUF 50.110 ESIAJ	11040400 9M6AAC CW >QM05 50.110 H JA1VOK
11012244 KH6SX CQ CW 50.111 HP2CWB 11012316 KH6IAA > DL44 S KE2HWB 11012328 KH6SX 59/59 BK29>CM88 ART S K6QXY 11012344 KH7T BL20 50.120 KB6MAN 11012345 KH6/K9FD CW >QM05 50.110 H JA1VOK	1010858 ZLIUF   52 5-10 W   50.110	1060714 9M6AAC
11012244 KH6SX CQ CW 50.111 HP2CWB 11012316 KH6IAA > DL44 S KE2HWB 11012328 KH6SX 59/59 BK29>CM88 ART S K6QXY 11012344 KH7T BL20 50.120 KB6MAN 11012345 KH6/K9FD CW >QM05 50.110 H JA1VOK	1010858 ZLIUF   52 5-10 W   50.110	1060714 9M6AAC
11012244 KH6SX CQ CW 50.111 HP2CWB 11012316 KH6IAA > DL44 S KE2HWB 11012328 KH6SX 59/59 BK29>CM88 ART S K6QXY 11012344 KH7T BL20 50.120 KB6MAN 11012345 KH6/K9FD CW >QM05 50.110 H JA1VOK	1010858 ZLIUF   52 5-10 W   50.110	1060714 9M6AAC
11012244 KH6SX CQ CW 50.111 HP2CWB 11012316 KH6IAA > DL44 S KE2HWB 11012328 KH6SX 59/59 BK29>CM88 ART S K6QXY 11012344 KH7T BL20 50.120 KB6MAN 11012345 KH6/K9FD CW >QM05 50.110 H JA1VOK	1010858 ZLIUF   52 5-10 W   50.110	1060714 9M6AAC
11012244 KH6SX CQ CW 50.111 HP2CWB 11012316 KH6IAA > DL44 S KE2HWB 11012328 KH6SX 59/59 BK29>CM88 ART S K6QXY 11012344 KH7T BL20 50.120 KB6MAN 11012345 KH6/K9FD CW >QM05 50.110 H JA1VOK	1010858 ZLIUF   52 5-10 W   50.110	1060714 9M6AAC
11012244 KH6SX CQ CW 50.111 HP2CWB 11012316 KH6IAA > DL44 S KE2HWB 11012328 KH6SX 59/59 BK29>CM88 ART S K6QXY 11012344 KH7T BL20 50.120 KB6MAN 11012345 KH6/K9FD CW >QM05 50.110 H JA1VOK	1010858 ZLIUF   52 5-10 W   50.110	1060714 9M6AAC
11012244 KH6SX CQ CW 50.111 HP2CWB 11012316 KH6IAA > DL44 S KE2HWB 11012328 KH6SX 59/59 BK29>CM88 ART S K6QXY 11012344 KH7T BL20 50.120 KB6MAN 11012345 KH6/K9FD CW >QM05 50.110 H JA1VOK	1010858 ZLIUF   52 5-10 W   50.110	1060714 9M6AAC
11012244 KH6SX CQ CW 50.111 HP2CWB 11012316 KH6IAA > DL44 S KE2HWB 11012328 KH6SX 59/59 BK29>CM88 ART S K6QXY 11012344 KH7T BL20 50.120 KB6MAN 11012345 KH6/K9FD CW >QM05 50.110 H JA1VOK	1010858 ZLIUF   52 5-10 W   50.110	1060714 9M6AAC
11012244 KH6SX CQ CW 50.111 HP2CWB 11012316 KH6IAA > DL44 S KE2HWB 11012328 KH6SX 59/59 BK29>CM88 ART S K6QXY 11012344 KH7T BL20 50.120 KB6MAN 11012345 KH6/K9FD CW >QM05 50.110 H JA1VOK	1010858 ZLIUF   52 5-10 W   50.110	1060714 9M6AAC
11012244 KH6SX CQ CW 50.111 HP2CWB 11012316 KH6IAA > DL44 S KE2HWB 11012328 KH6SX 59/59 BK29>CM88 ART S K6QXY 11012344 KH7T BL20 50.120 KB6MAN 11012345 KH6/K9FD CW >QM05 50.110 H JA1VOK	1010858 ZLIUF   52 5-10 W   50.110	1060714 9M6AAC
11012244 KH6SX CQ CW 50.111 HP2CWB 11012316 KH6IAA > DL44 S KE2HWB 11012328 KH6SX 59/59 BK29>CM88 ART S K6QXY 11012344 KH7T BL20 50.120 KB6MAN 11012345 KH6/K9FD CW >QM05 50.110 H JA1VOK	1010858 ZLIUF   52 5-10 W   50.110	1060714 9M6AAC
11012244 KH6SX CQ CW 50.111 HP2CWB 11012316 KH6IAA > DL44 S KE2HWB 11012328 KH6SX 59/59 BK29>CM88 ART S K6QXY 11012344 KH7T BL20 50.120 KB6MAN 11012345 KH6/K9FD CW >QM05 50.110 H JA1VOK	1010858 ZLIUF   52 5-10 W   50.110	The state of the
11012244 KH6SX CQ CW	10101855 ZLIUF	Table   Tab
11012244 KH6SX CQ CW	1010858 ZLIUF   52 5-10 W   50.110	Table   Tab

11230019 LUSVV · 50.120 AB4GG 11230020 LUSVV WEAK 50.120 AE5B	CURACAO NETH. ANTILLES	URUGUAY
11252348 LU1FA 57 CARLOS 50.115 WP4NIX	11072328 PJ2BV CQ DX 50.120 PP5NW 11072353 PJ2BVU CQ CQ 50.110 LW6DC	10172305 CX VY WEAK >DL44 H XE2HWB 11012332 CX4CR 59 GF15>QM05 50.110 S JA1VOK
11301946 LU7YA 69 FF50>DN70 50.110 K0GU	11080107 PJ2BVU 59 50.110 PP5JD 11090009 PJ2BVU CQ FK52 50.110 PY4LH	11022313 CX3AN >DL44 H XE2HWB 11062218 CX2AQ 50.110 K5CM
ARUBA	11110045 PJ2BVU FK52>GH64 50.110 PT2GE	11062229 CX3AN GF15 50.120 AB4GG
11132249 P43L 233 LP 50.105 EA5AX 11192142 P49MR 56 #82 50.110 NH7RO	11140008 PJ2BVU 50.130 PY4OY 11140012 PJ2BR 50.130 PY4OY	11062243 CX2AQ 50.105 K4EA
11200049 P49MR 59+ 50.110 PY5IP	11152359 PJ2BV 53 50.115 FG1GW 11180026 PJ2BVU 54 W/ QSB 50.110 PY8AZT	11062249 CX3AN >EN52 50.110 K9HMB 11062255 CX2AQ 579 >EN52 50.105 K9HMB
11211814 P49MR MARTIN 50.120 W6OAR	11180038 PJ2BVU 50.110 PY4OY	11062258 CX4AAJ >EM73 50.150 K4PI 11062302 CX4AAJ >EN52 50.150 K9HMB
11211847 P49MR	11180040 PJ2BVU 59+>GG54 50.110 PY5IP 11182304 PJ2BVU 59+>GG54 50.110 PY4OY	11102239 CX9BBG >PM95 50.120 S JE1CUS
11242357 P49MR FK42 50.110 PP5JD	11190115 PJ2BVU 59>GG54 50.110 PY5IP 11211718 PJ2/K8MFO 599 >CM87 50.110 C K6FV	11102242 CX2LI >QM05 50.110 H JA1VOK 11102245 CX4AAJ 59 GF15>QM05 50.150 S JA1VOK
BONAIRE NETH. ANTILLES	11211721 PJ2/K8MFO 599/599 >CM88 C K6QXY	11152316 CX3AN 55>FK96 50.110 FG1GW 11160005 CX3ET 53 50.110 FG1GW
11202103 PJ4/PA3CNN FK60 50.110 AK3E	11212014 PJ2/K8MFO 599 50.110 NW5E	11162212 CX5BW 55 50.110 FG1GW
11202113 PJ4/PA3CNX >EN52 50.113 K9HMB 11202119 PJ4/PA3CNX 58 50.113 K7BV/1	11212238 PJ2BVU 55 50.110 W4SO 11212346 PJ2BVU CQ SSB 50.110 HP2CWB	11212120 CX5BW GF25 50.120 NW5E 11212134 CX5BW 55 50.125 NW5E
11202138 PJ4/PA3CNX 50.113 W3UR 11222201 PJ4/PA3CNX W/HK3JRL 50.135 HP2CWB	11222009 PJ2/K8MFO 599 50.110 NW5E 11222140 PJ2BVU CQ SSB 50.110 HP2CWB	11262322 CX3AN 56 GF15>FK68 50.110 WP4NIX
	11232135 PJ2BVU 50.110 NW5E	VENEZUELA
BRAZIL 11011808 PP5LD CQ 50.110 EA7KW	ECUADOR	11012200 YV4YC 50.110 K5CM 11012205 YV4DDK 50.115 K5CM
11052147 PY2PAI 56 GG67>IM88 50.110 EA5AGR	10251915 HC3AP >DL44 H XE2HWB	11060013 YV5LIX FK60 50.115 PY4LH
11052159 ZZ2TGR CQ 50.110 CT3DL 11071748 PY2TVI CQ 50.110 EA7KW	11010306 HC2FG 57 W/KH6IAA 50.110 NH7RO 11110120 HC3AP 59 FI06>FK60 50.110 YV1DIG	11100109 YV4AB 50.026 B PY2EX 11150135 YV4AB 50.026 B PY2EX
11071750 PY1RO 50.110 ISOGQX 11082350 PY2SFY 559 GG77>FK60 50.009 B YV5LIX	11151733 HC3AP F106>EL29 50.110 KA5NEZ 11151734 HC3AP F106>EL29 50.110 AB5A	11211512 YV4AB 439 QSB 50.026 B N3DB 11211753 YV4AB WEAK >DN70 50.025 B K0GU
11142317 ZZZTGR PY2EX 50.110 CT3DL 11152341 PY2DSC 55>FK96 50.110 FG1GW	11151746 HC3AP 50.110 K5CM	11211759 YV4AB S1>DM03 50.025 B N6CA
11160003 PT7VB 55 50.110 FG1GW	11161817 HC3AP 58 50.115 K5CM 11161825 HC2FG >EM17 50.088 B NOJK	11230033 YV1/W5ALT 599 50.105 PY8AZT
11181837 PY1RO CQ CW 50.110 F6FRR 11181858 PY1RO ROLF FB 50.110 ISOGQX	11161828 HC3AP 55 >FM18 50.110 N3DB 11201953 HC3AP 50.115 N1GC	11250124 YY5PER 55 >GH64 50.110 PT2GE
11181904 PYIRO ROLF 50.110 F6FRR 11181913 PYIRO CQ 50.110 F6FHP	11201954 HC3AP FI06>FM19 50.115 AK3E	QSL Information
11181924 PY1RO 599>JNO1 50.110 EH3LL	11202054 HC3AP 50.110 K9SM	QSL IIIIOIIIIalioii
11192311 PY1RO 50.110 W N3DB 11192315 PY1RO WEAK >FM29 50.110 W3JO	11220313 HC3AP CQ SSB 50.110 HP2CWB 11221608 HC2FG EI97>DN70 50.120 K0GU	3G2D: via XQ1IDM
11211550 PP5TO 59 GG52 50.110 W7GJ 11211554 PP5TO 50.110 K5CM	11221611 HC3AP CQ DX 50.110 K4RX	4N25K: via JU1SB
11211603 PU2WDX 50.110 K5CM	11221637 HC3AP CQ LOUD>EM00 50.110 AA5XE	5T5SN: via IZ1BZV
11211609 PU2WDX >CM97 50.110 K6YK 11211610 PU2WDX 59>CM98 50.110 K6QG	11231453 HC3AP 50.110 K5CM 11231543 HC1AJQ BEGGING 559 50.110 W5DN	5V7BR: Robert Bonnafous, BP 333,
11211612 PP5TO CW 50.105 K5CM 11211613 PU2WDX 55/55 >CM88 S K6QXY	11231641 HC1HC 50.110 AA5XE	
11211615 PP5TO/P GG52>EM12 50.108 WD5K	11231647 HC1HC VY STRG>EM21 50.110 K5XX	Sokode, TOGO
11211932 PP5TO/P GG52 50.105 NW5E 11212026 PY2PA 42 GG66 50.110 NH7RO	FRENCH GUIANA	5V7BR: via F5RUQ
11212038 PY2CDS/2 59 GG65 50.110 NH7RO 11212046 PY1RO CQ 59 50.110 NH7RO	11012022 FY5KE CQ CW 50.111 HP2CWB 11182335 FY1FL 50.110 HP2CWB	8P9AP: via K2WE
11212057 PY2SFY 579 GG77>BK29 50.009 B NH7RO	11182348 FY1FY CQ PAC 50.110 HP2CWB 11202158 FY1FL LOWD>FL 50.110 N4GFO	9H3WW: via DJ5CL
11212354 PY2TVI CQ SSB 50.110 HP2CWB	11202204 FY1FL E'S GJ35>EM74 50.110 KD4K	9M6AAC: via N2OO
11220006 PY2TVI 55 GG66 CLAUDIO .110 NH7RO 11220018 PY2AIM 54 50.120 NH7RO	11202208 FY1FV GJ34 50.120 N4NDR 11202210 FY1FL 50.110 KE4MBP	<b>9M6OO:</b> via N2OO
11220030 PP5TO/5 GG52 50.113 NH7RO 11220032 PP5VB 59 GG52 50.110 NH7RO	11211913 FY1FL LOUD GJ35 50.115 NW5E 11222125 FY1FV 50.110 HP2CWB	9N7SZ: via JA9LSZ, Yasuhiro
11230004 PY8AZT CQ CW 50.109 HP2CWB	11222147 FY5KE 50.110 HP2CWB	Yahara, PO Box 111, Fukui, 910-
11230016 PY8AZT 549>EM74 50.109 N4WD 11230027 PY8AZT 55X 50.109 K5CM	11250012 FY1FL 52>GG66 50.110 PY2XAT	8691 JAPAN
11230028 PT7VB HI06 50.110 NW5E 11230050 PY8AZT 569 CQ 50.109 K4EA	11260003 FY1FL QRP 50.110 NH7RO	DL7AFS: BaerbelLinge, Eichwald-
11230107 PY8AZT 559 CW 50.109 K4RX	GALAPAGOS IS.	strasse 86, D-34123 Kassel,
11232201 PY2TVI CQ 50.110 EA7KW	10172215 HC8GR -2219 >DL44 B XE2HWB 10192136 HC8GR -0035 >DL44 B XE2HWB	GERMANY or via DARC
11232205 PY1RO 519 50.110 IK2GSC 11232211 PY1RO 519 FLUTTER 50.110 F6FHP	10292239 HC8GR >DL44 B XE2HWB	F5CWU: Flo Moudar, 25 Rue du
11232221 PY1RO 519 >JN34 50.110 IQ1KW 11232238 PY1RO 339 GG87>JN59 50.110 DL7QY	10301441 HC8GR	Castel Salis, 37100 Tours, FRANCE
11240102 PY2TVI 52 >KH6 50.110 NH7RO	11012115 HC8GR >DL44 B XE2HWB 11012158 HC8GR S5 EI59>EM10 50.034 B AB5K	
11240113 PY2BT 57 GG66>KH6 50.110 NH7RO 11242130 PY2CDS 55 CQ 50.110 EA7KW	11012210 HC8GR 579 EI59>EM32 50.035 B N0EYE	FO5RA: via WOMM
11252130 PY1RO 599 FLUTTER 50.110 EA7KW 11252139 ZZ2TGR CQ 50.110 EA7KW	PARAGUAY	FS5UQ: via W7RJ
11262212 PY1RO CLG TS7N 50.127 IK4PLW	11052227 ZP5PT 539 50.110 EA7KW	J8DX: via W8QID
11270002 ZZ2TGR 56 GG66>FK68 50.135 WP4NIX 11292250 PY2BJG W/ PJ5DX 50.110 CT1EPC	11071725 ZP6CW 559 WKG ISO 50.110 EA7KW 11200109 ZP6CW 559 50.110 N3DB	JF7DFA: e-mail la7dfa@qsl.net
CHILE	11200137 ZP6CW CQ CW 150° 50.095 K7BV/1 11211544 ZP5AA >DN70 50.024 B K0GU	KH2/K8VR: via JF3IPR
	11220025 ZP6CW VY WEAK >EN52 50.105 W W9PJ	KH2/N1VF: via JL3SIK, Yoshiro
10192105 CE MUS -0050 47.9,48.3,49.2 F XE2HWE 10212205 CE MUS 47.9,48.3,49.200 F XE2HWE	11220157 ZP6CW >PL36 50.110 C JS6CDB	Nishimura M.D., 2-6 Takemidai 4-
10262017 CE MUSIC 47.9,48.3,49.2 F XE2HWE	11230044 ZP6CW 559 >EL98KR 50.095 NW5E	Chome, Suita City, Osaka 565-0863
10272239 CE MUSICA 47.9, 48.3, 49.20 F XE2HWE 10282218 CE MUSICA 47.9, 48.3, 49.20 F XE2HWE	SURINAM	JAPAN
10292209 CE MUSICA 47.9, 48.3, 49.20 F XE2HWE 11012350 XQ3SIX >QN03 50.110 S JE8CIC	11240111 PZ5RA 50.110 HP2CWB	N4Z: via N4KZ
11022056 CE MUSIC 47.9, 48.3, 49.2 F XE2HWE 11022317 CE4AEJ >DL44 B XE2HWE	TRINIDAD & TOBAGO	TN3S: via CT3HK, Walsker Sal-
11042343 CE MUSIC 47.9,48.3, 49.200 F XE2HWE	11012221 9Y4AT FK90 >DL44 S XE2HWB	gueiro, via Madeira Team, PO Box
11050010 XQ3SIX CQ CW 50.110 YV1DIG 11102236 CE MUSIC 47.9,48.3, 49.200 F XE2HWE	11052252 9Y4AT CQING 50.110 PY5IP	19, 9001-901 Funchal, Ilha da
11122227 CE4WJK 57 FK68>FF45 50.120 WP4LNY 11152038 CE MUSIC 47.9,48.3, 49.200 F XE2HWE	11140206 9Y4AT 50.110 PY4OY 11151625 9Y4AT 50.110 K5CM	Madeira
11211700 CE MUSIC 47.9/48.3 F K6QXY 11232207 CE MUSICA 48.3,49.2 F XE2HWE	11200417 9Y4AT 599>FI07 50.115 B HC2FG	TS7N: via DL9USA
11292303 CE4WJK CQ 55 50.110 CT1EPC	11202045 9Z4BM FK90>DL44 H XE2HWB	V73NS: Neil Schwanitz, Box 8341
COLOMBIA	11202127 9Z4BM LEON>FK90 50.120 K4MQG	APO AP96557, USA
11012157 HK4BKB FJ26 >DL44 S XE2HWE		
11012231 HK4SAN FJ26 >DL44 S XE2HWE 11110009 HK3JRL FK24 50.135 PP5JD	11211735 9Y4AT >DN70 50.110 KOGU	ZF2PD: via N2LM
11110038 HK3JRL 59 EDUARDO 50.110 PY51P 11110041 HK3JRL 53 FJ24>GH64 50.135 PT2GE	11211748 9Y4AT 50.110 K4KJZ	
11222023 HK4BKB 55>FM05 50.125 K4CIA	11211749 9Y4AT 559 50.015 B NW5E 11211951 9Y4AT CQ 50.110 K4MM	Merry Christmas,
11222026 HK3JRL 59 FJ24>FJ09 50.135 HP2CWE 11222046 HK3JRL H XE2HWE	11212342 9Z4BM 50.110 PY4OY 11222008 9Y4AT 53>EL98JH 50.110 NN4X	Happy New Year and
11222048 HK4BKB H XE2HWE 11232257 HK4BKB 59 FJ26 50.110 NH7RO	11222017 9Y4AT 59>FJ09 50.110 HP2CWB	
11231620 HK4BKB CQ FJ26>EM00 50.110 AA5XE 11231623 HK4BKB 50.110 XE2K	11231839 9Z4BM 59/59 FK90>CM88 S K6QXY 11231852 9Z4BM CQ>DN70 50.110 K0GU	Best of DX to All
2003 INTEND 50.110 ABZK	11262245 9Y4AT JEFF CQ 50.110 PU2WDX 11280153 9Y4AT 50.110 PY4OY	

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